

Figure 1 shows 12 DNA fragments labeled 1 through 12. Each fragment is represented by a horizontal line with vertical tick marks indicating restriction sites. The labels and sizes are as follows:

- Fragment 1: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 2: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 3: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 4: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 5: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 6: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 7: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 8: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 9: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 10: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 11: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T
- Fragment 12: 1000 bp, sites: E, H, K, S, X, B, P, M, N, D, L, F, C, G, A, T

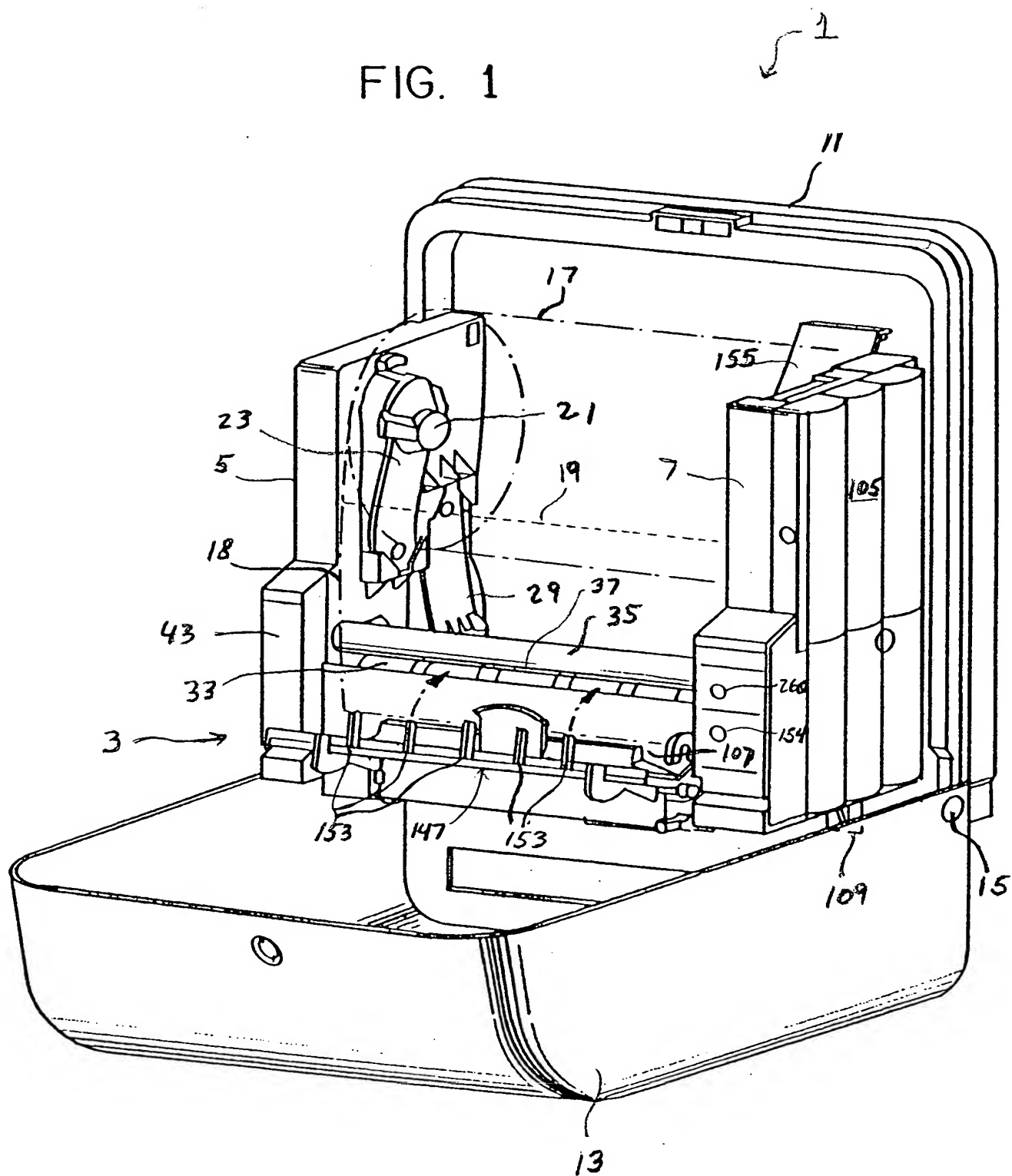


FIG. 2

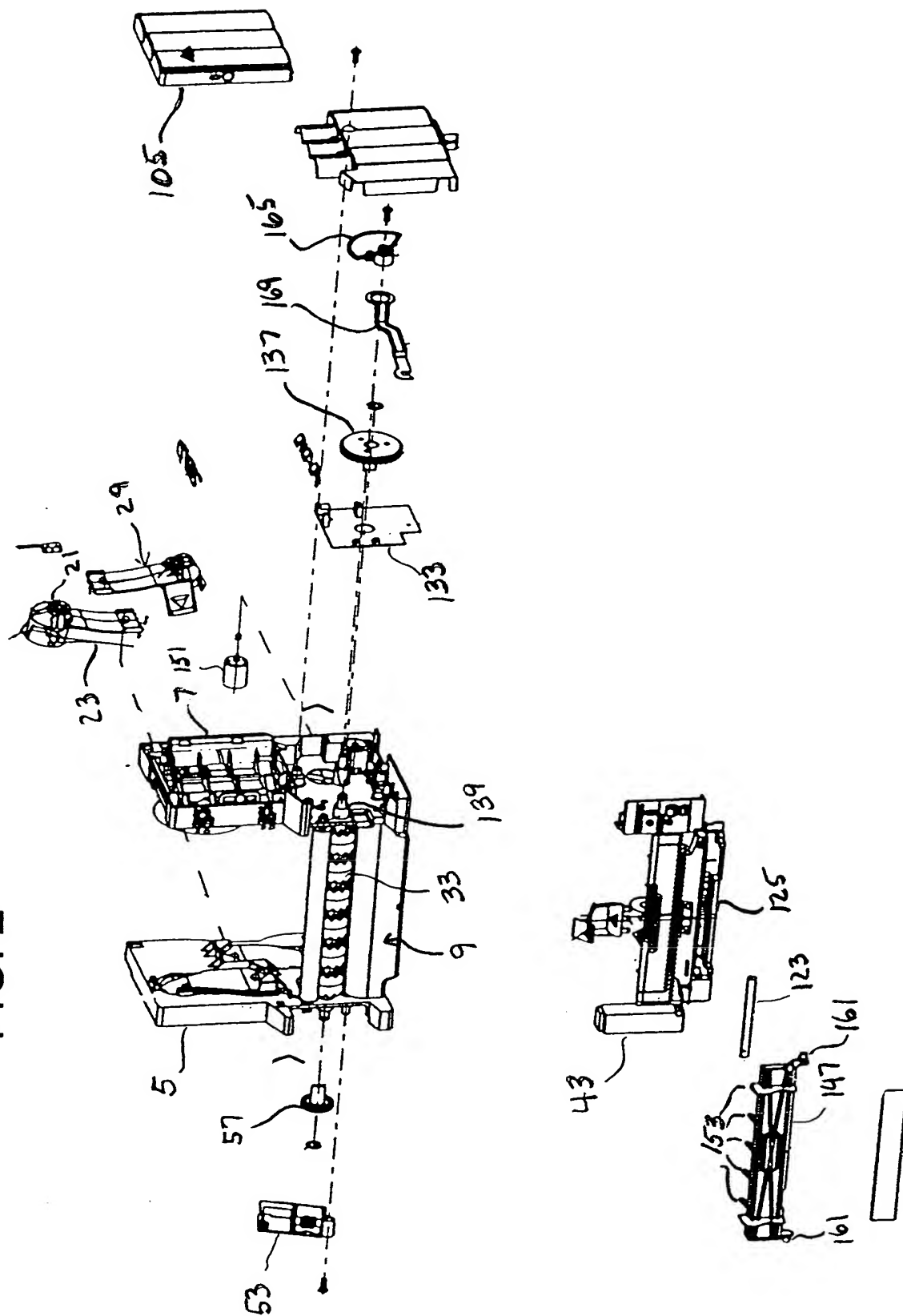


FIG. 3

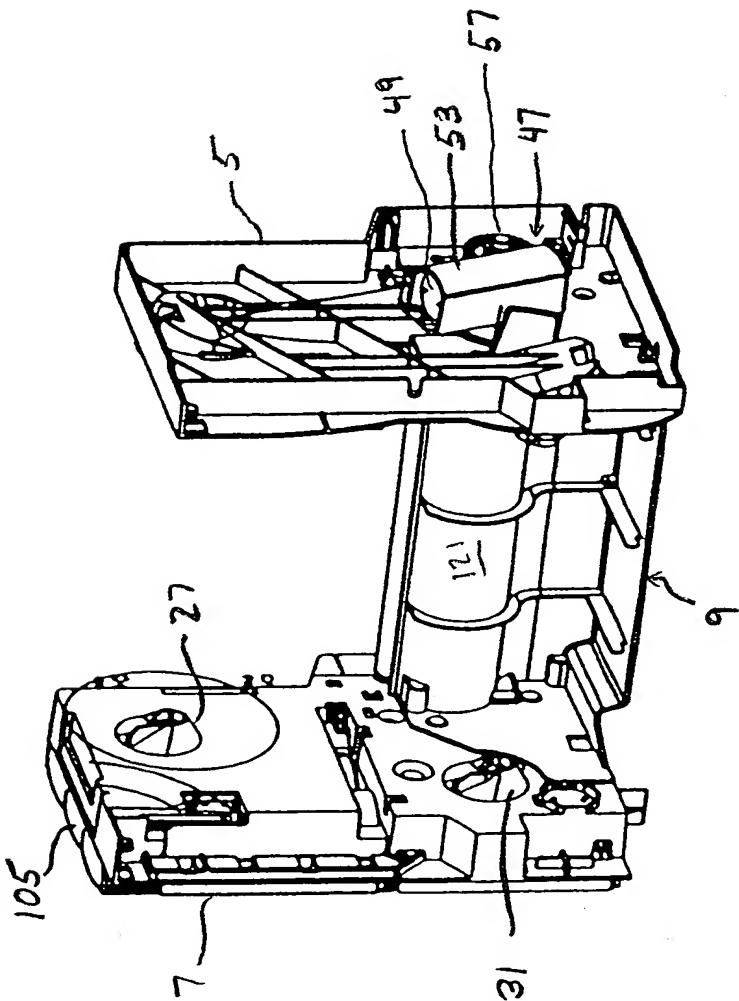






FIG. 7

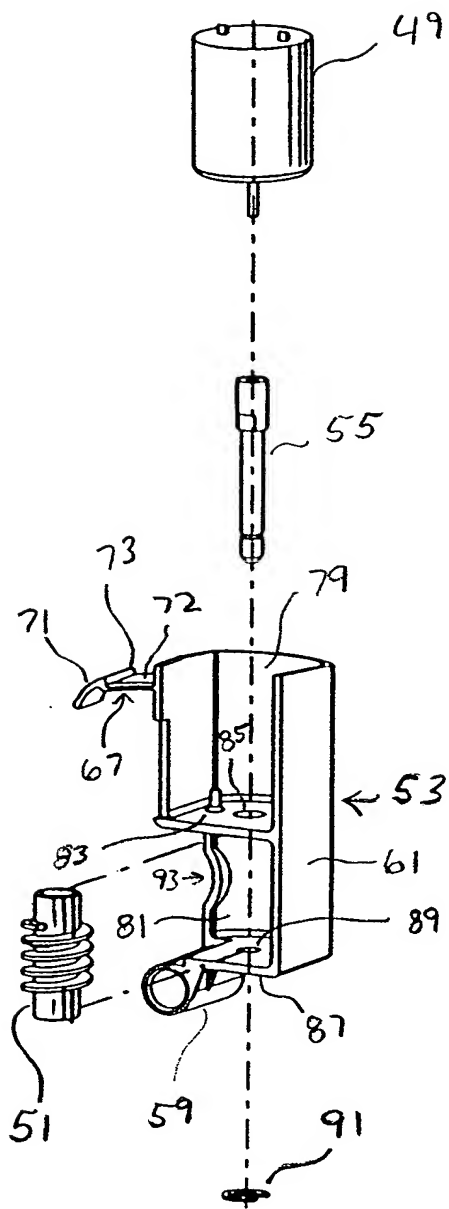
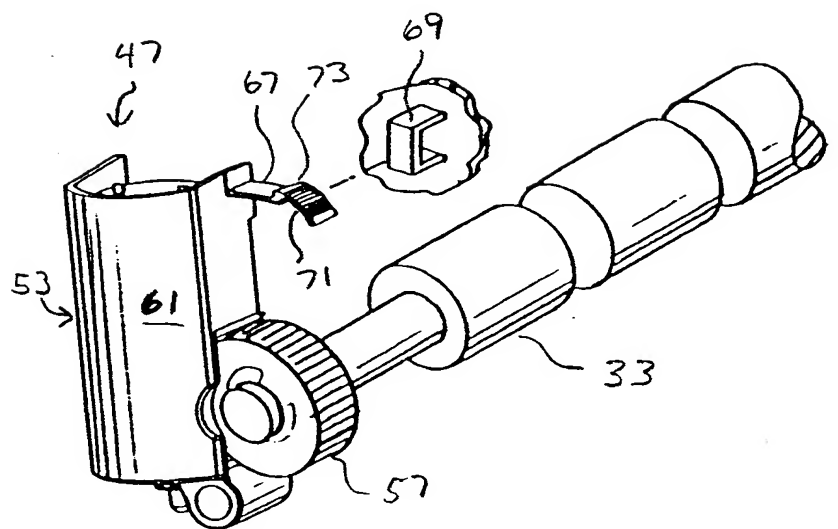


FIG. 8



2040000 05626004

FIG. 9

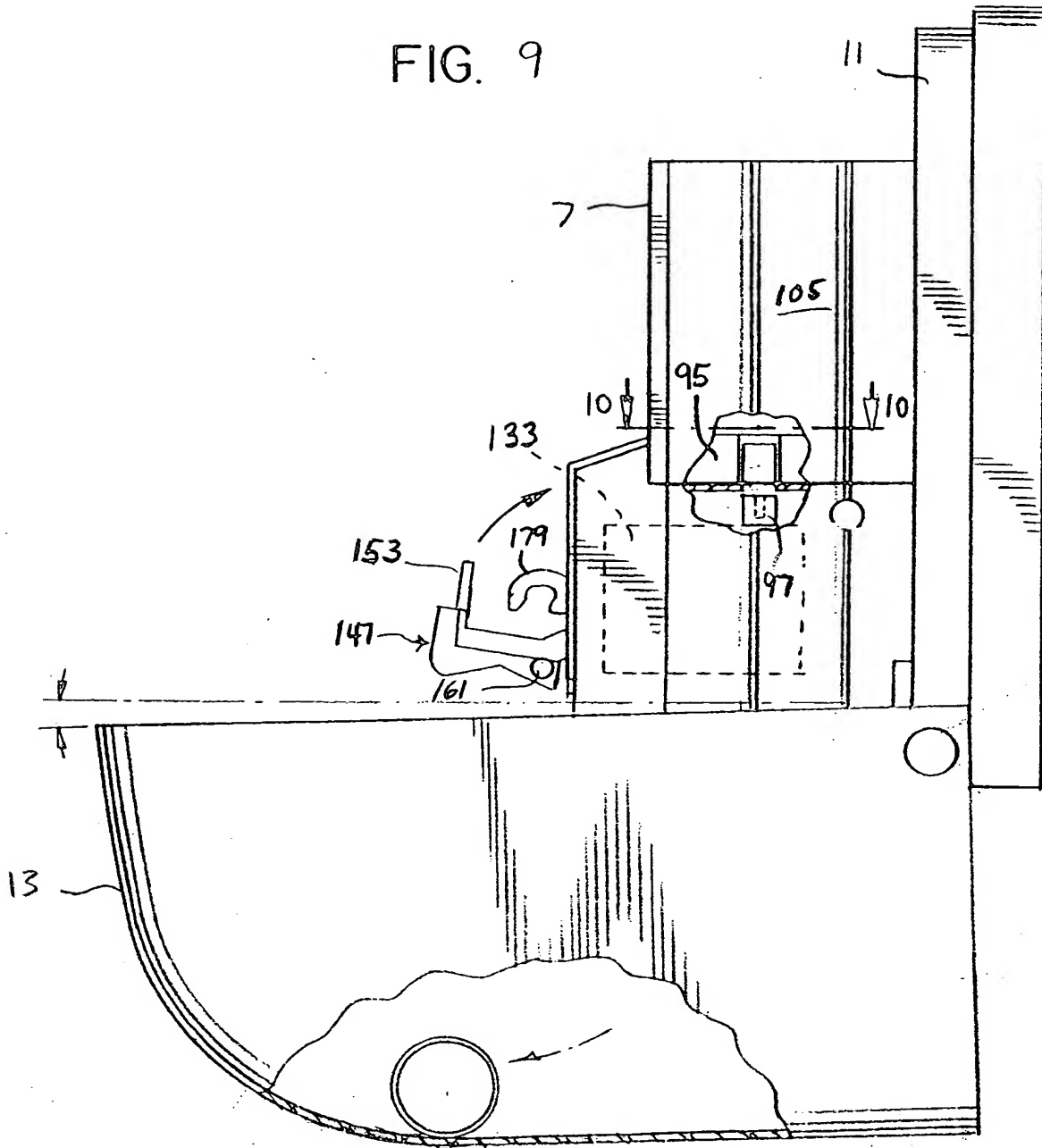
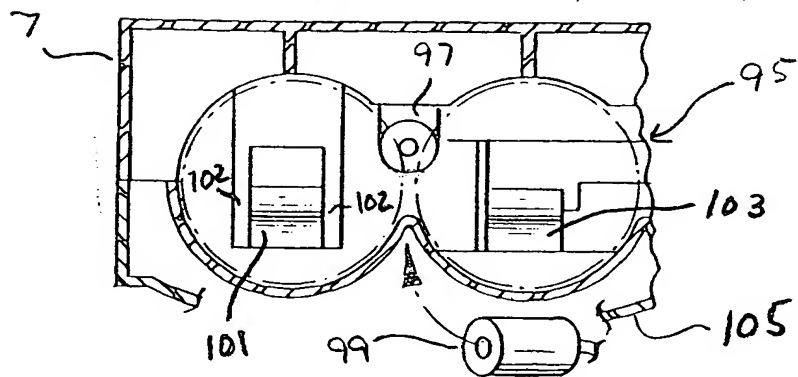


FIG. 10



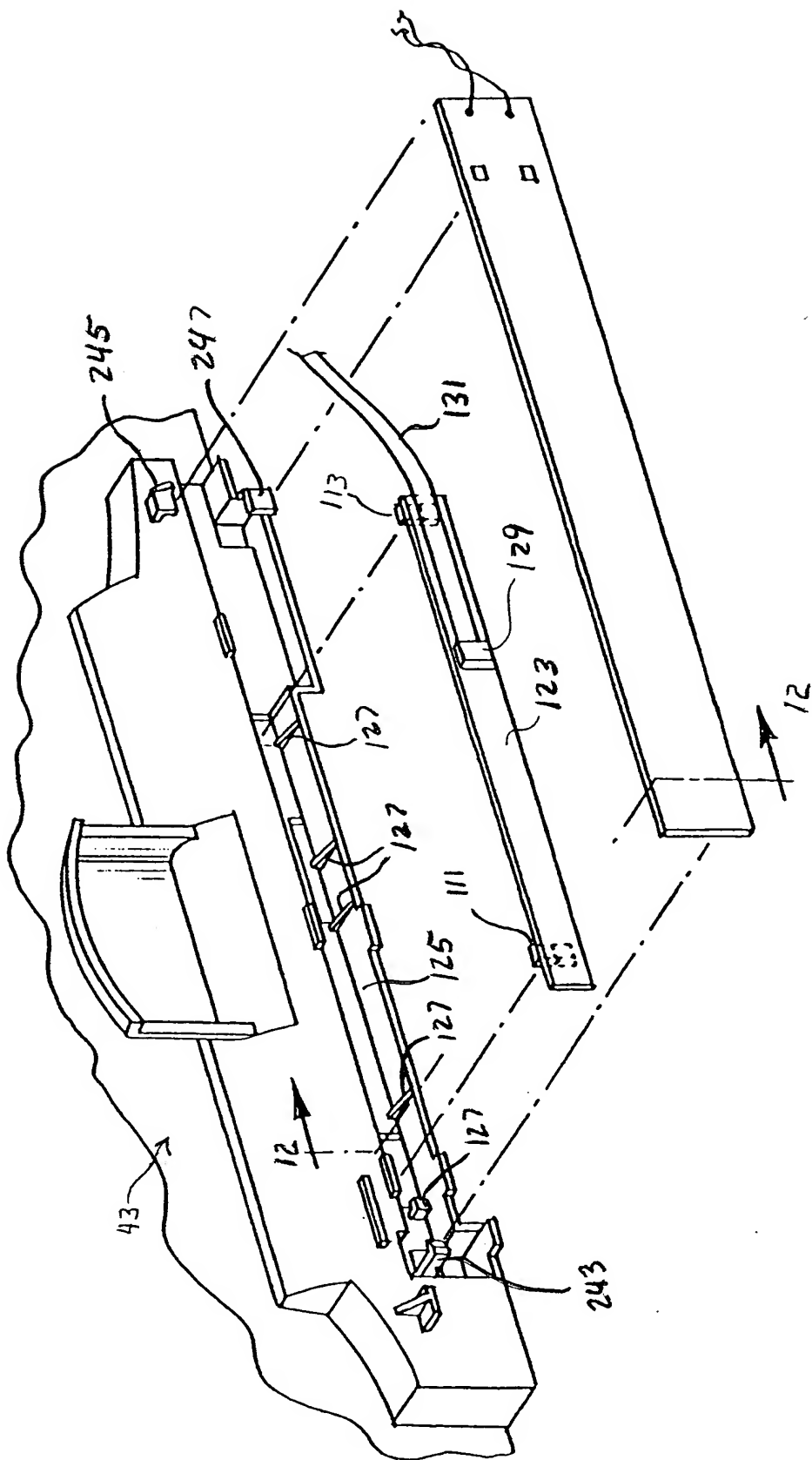


FIG. 11





10092350-030702

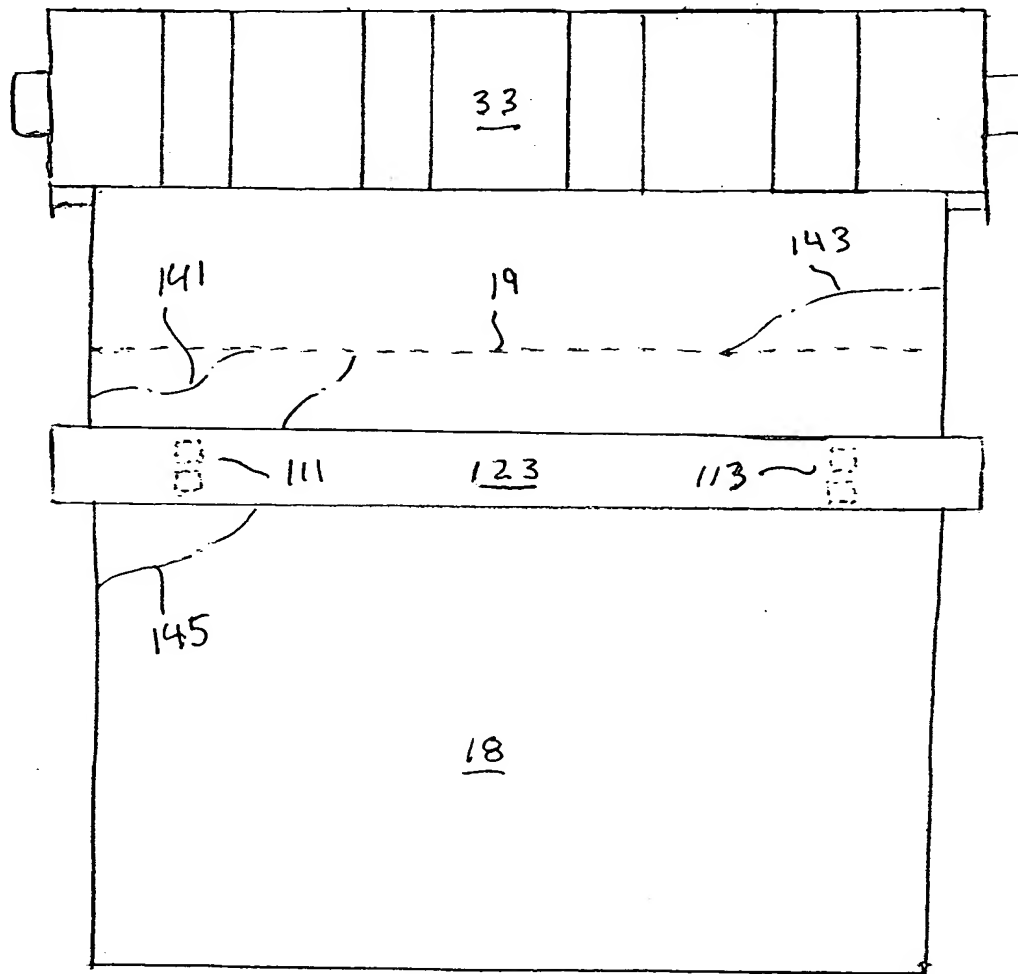
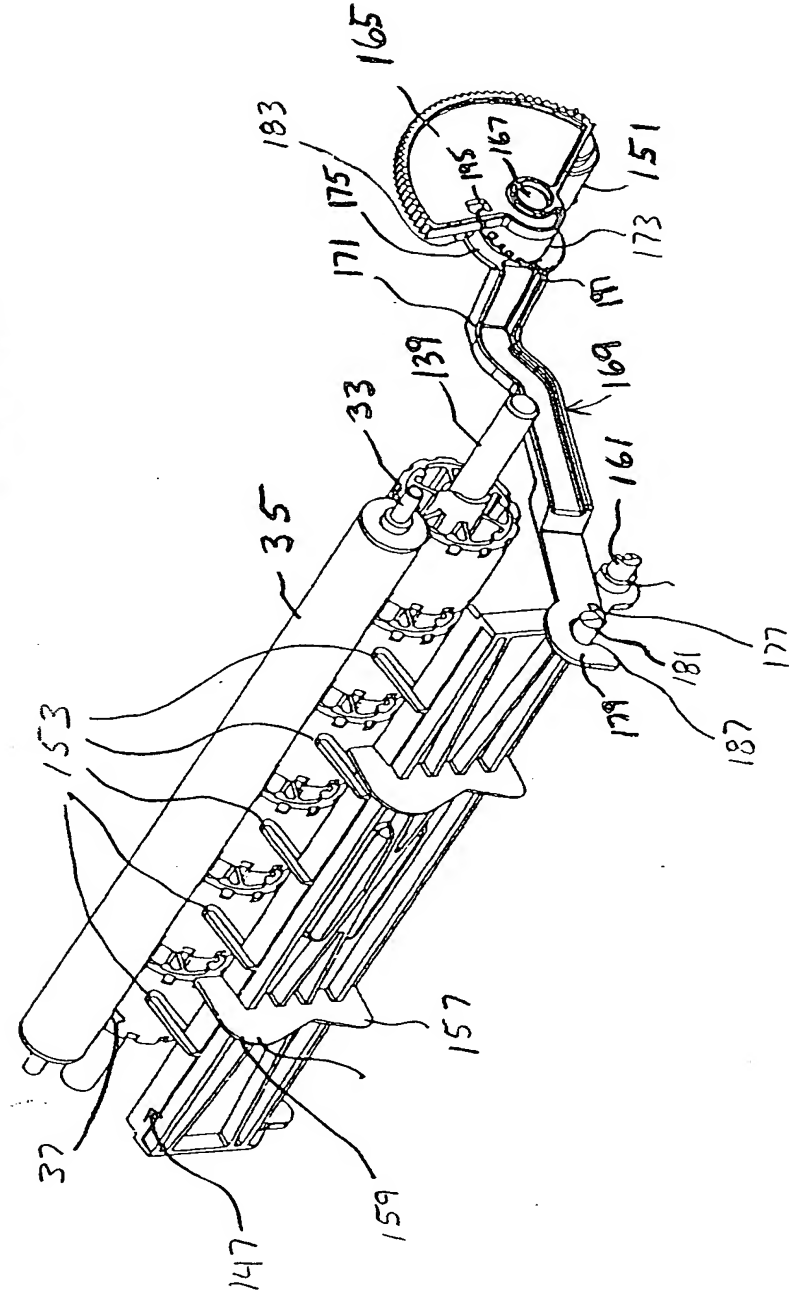


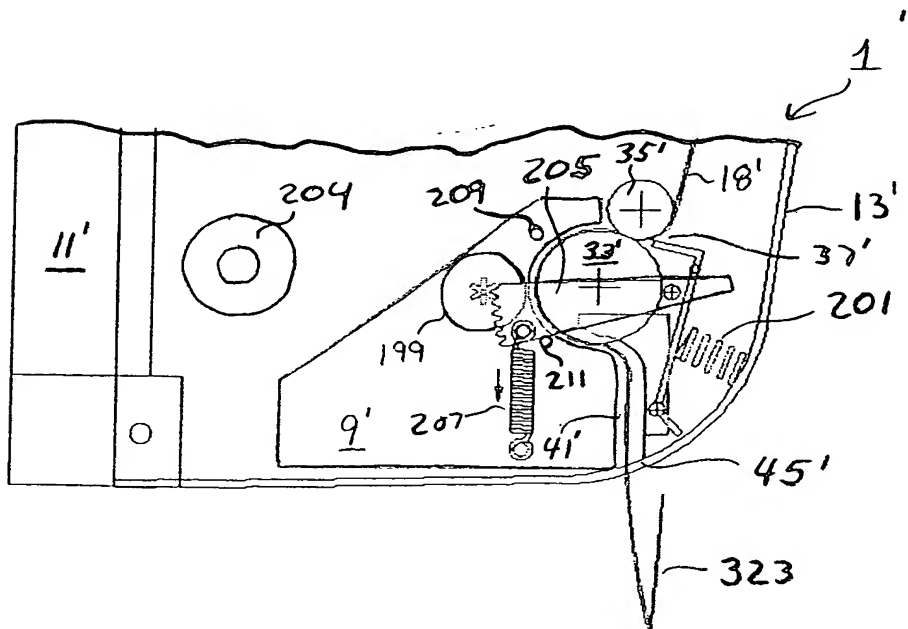
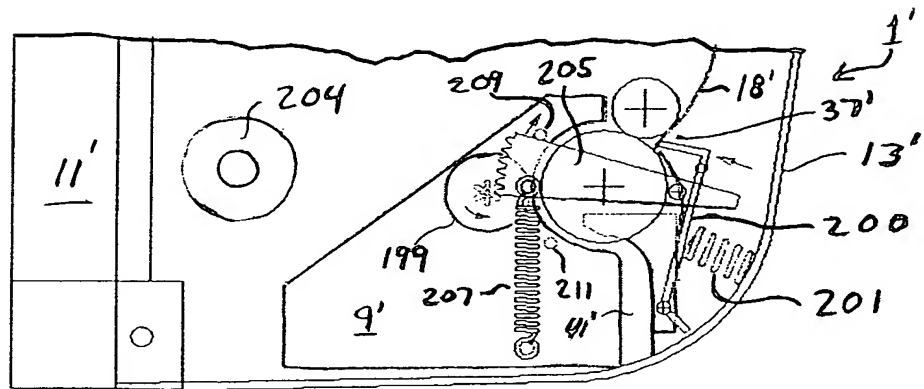
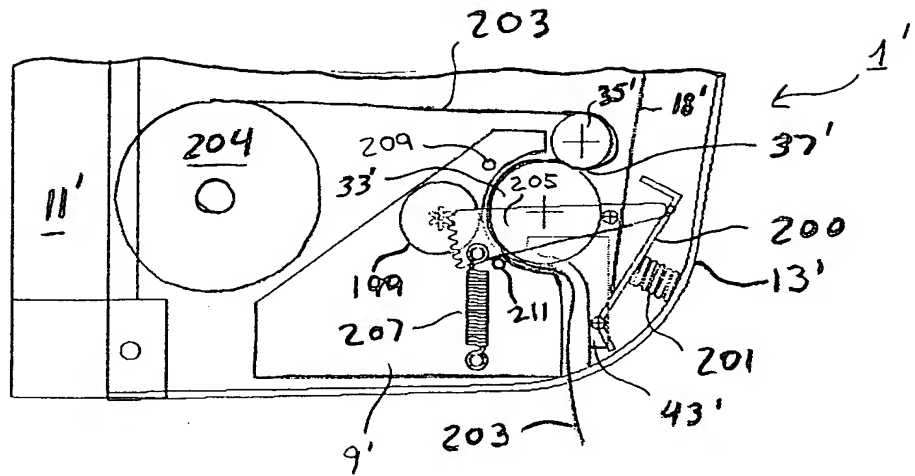
FIG. 13

FIG. 14

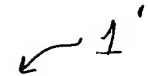




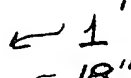
2020080522001



↖ 1'



← 1' - 10"



1009250-030702

FIG. 17

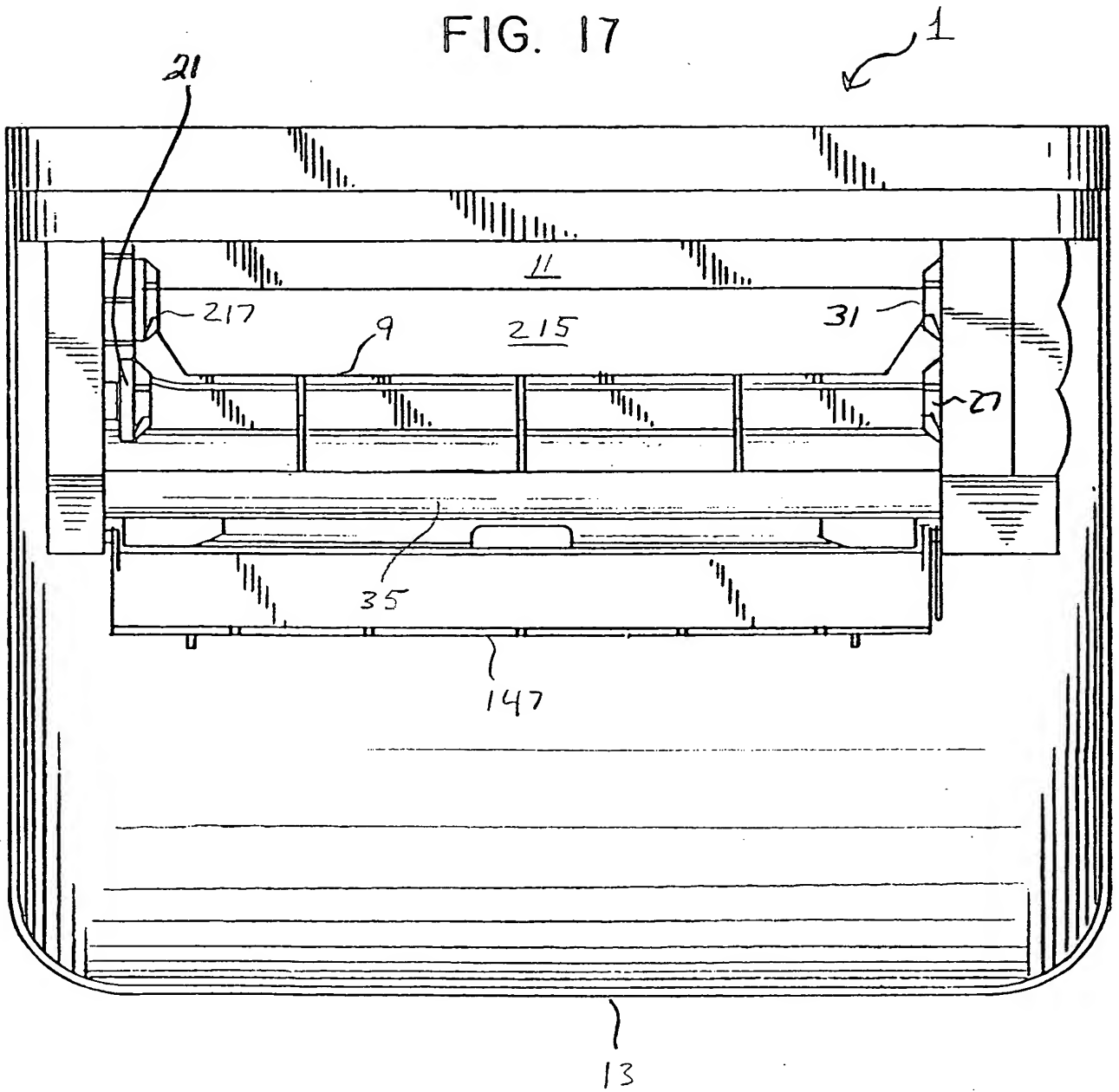


FIG. 18

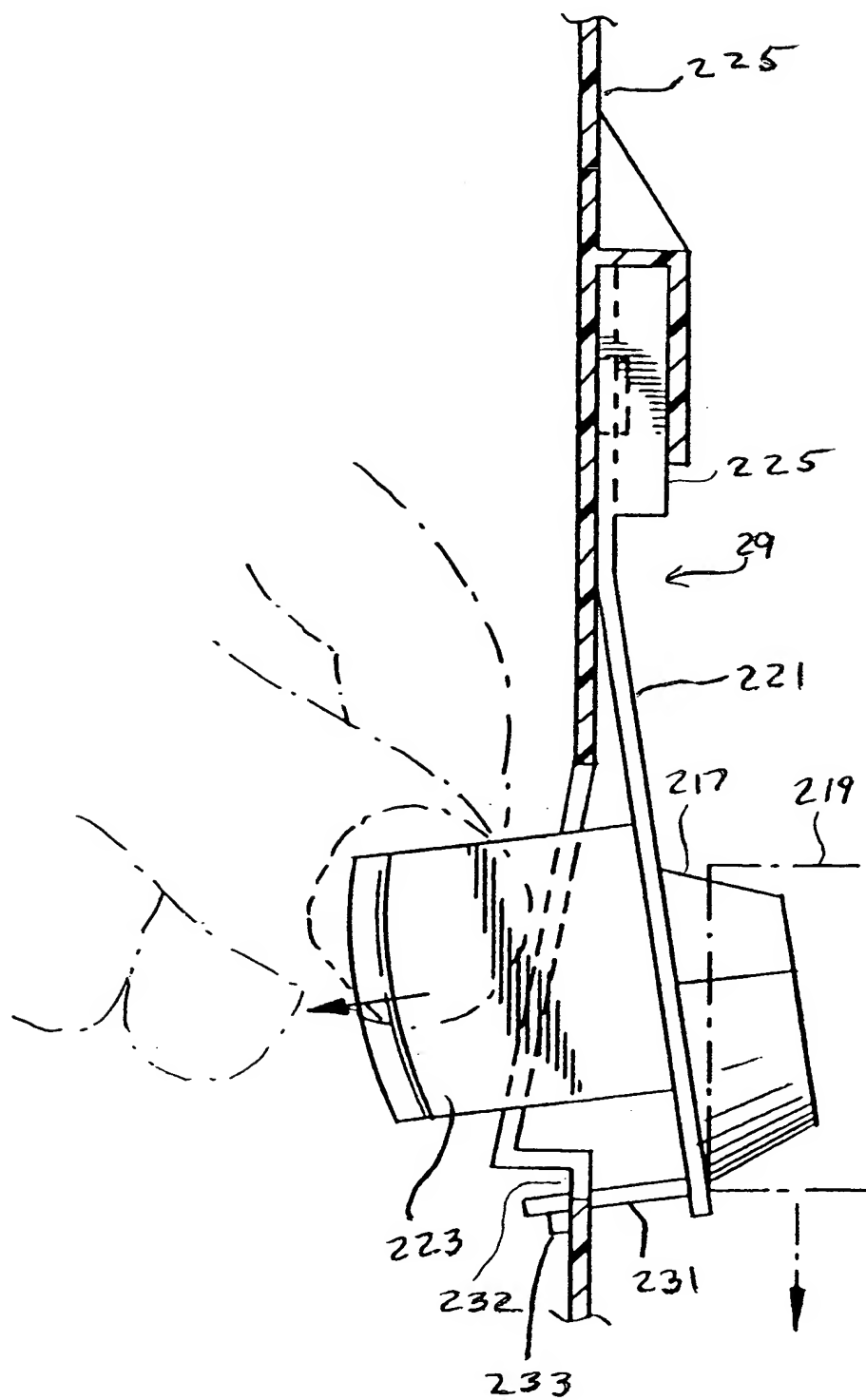




FIG. 19

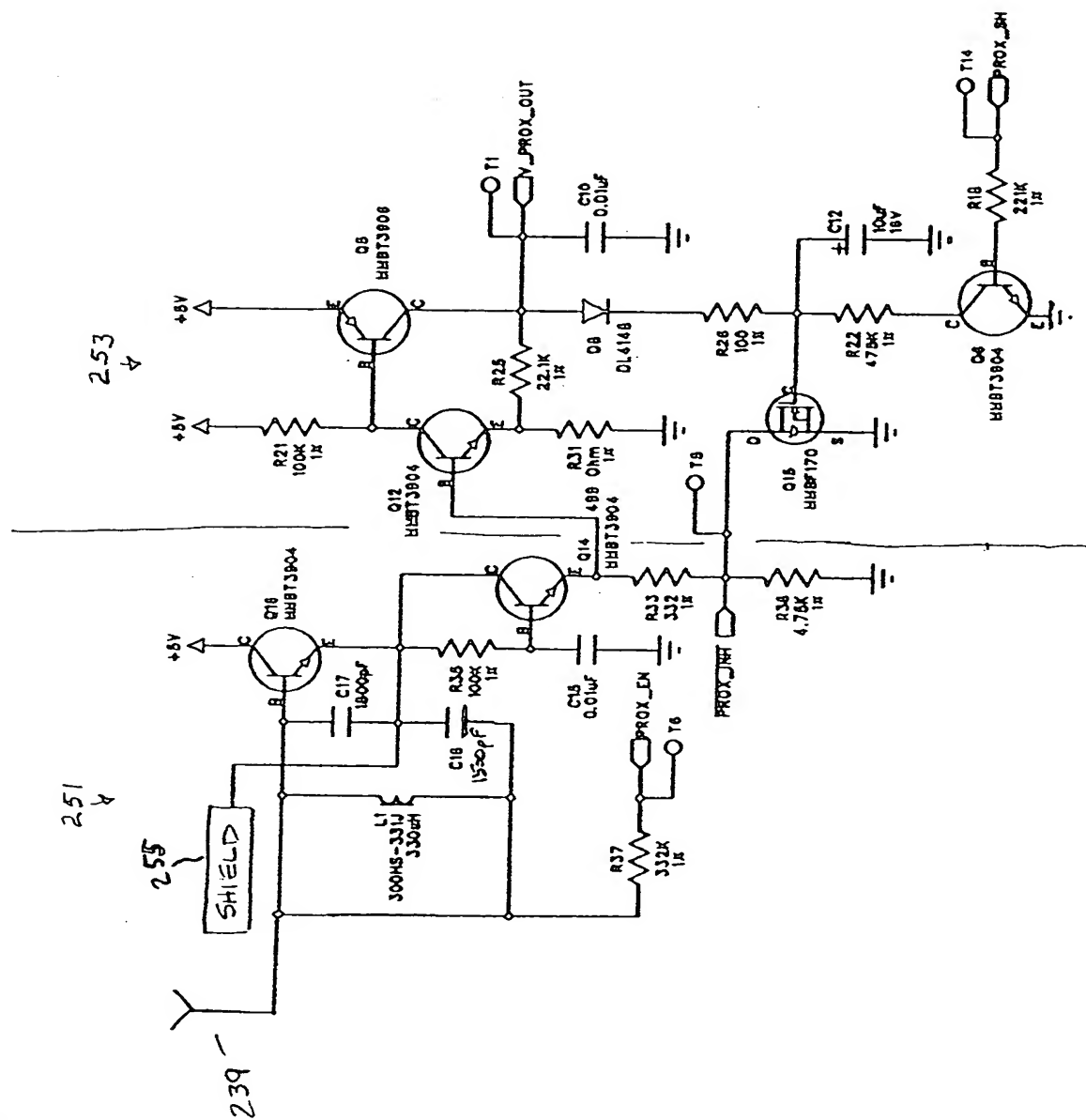


FIG. 20

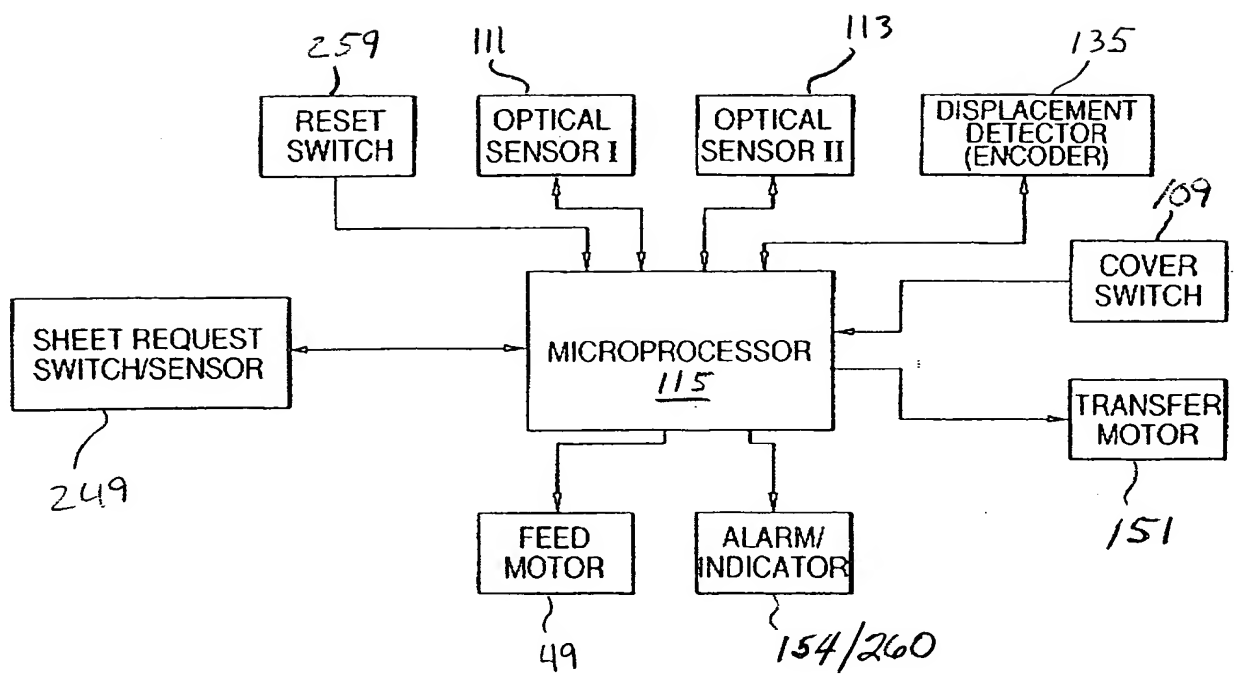


FIG. 21

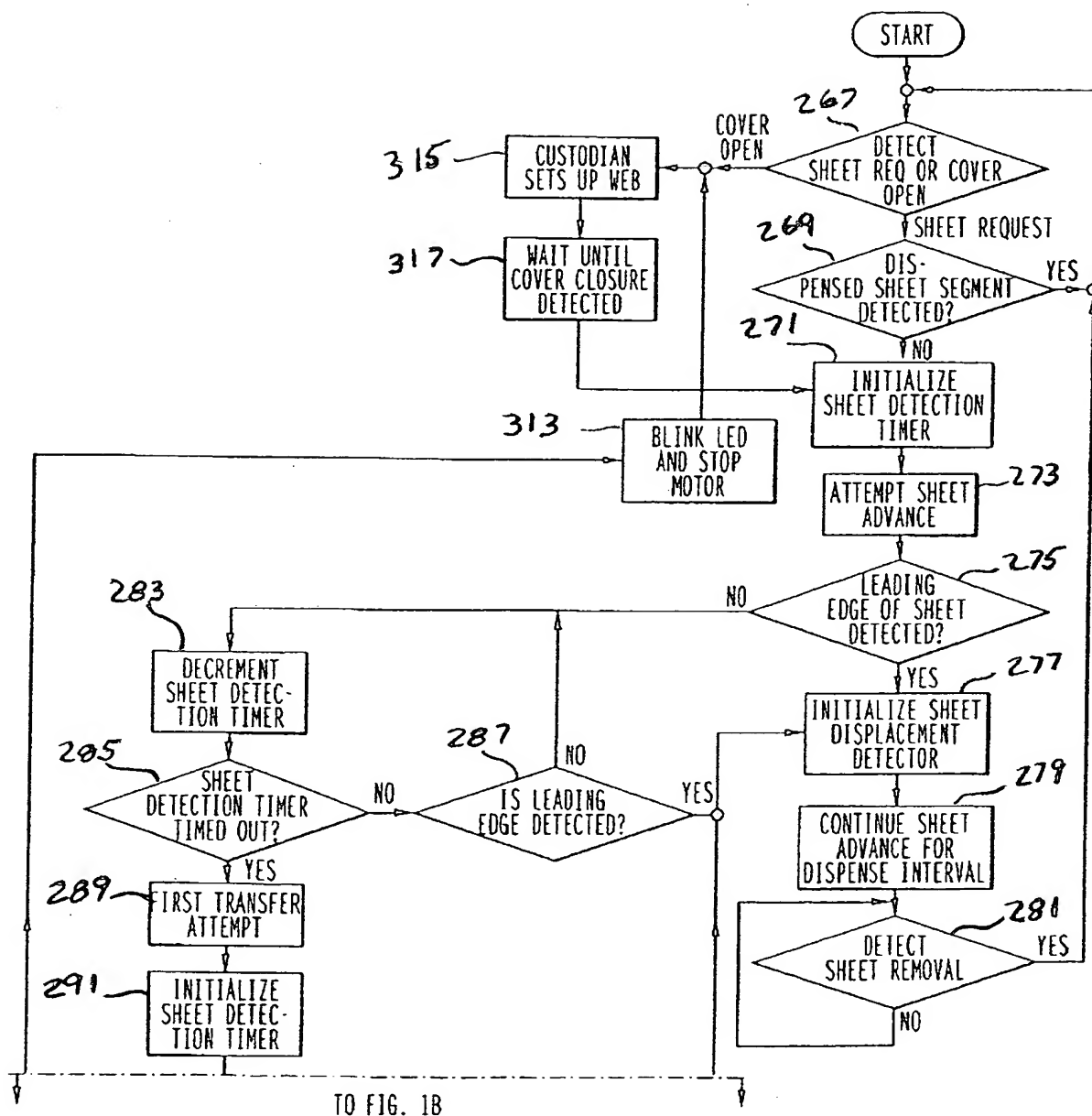
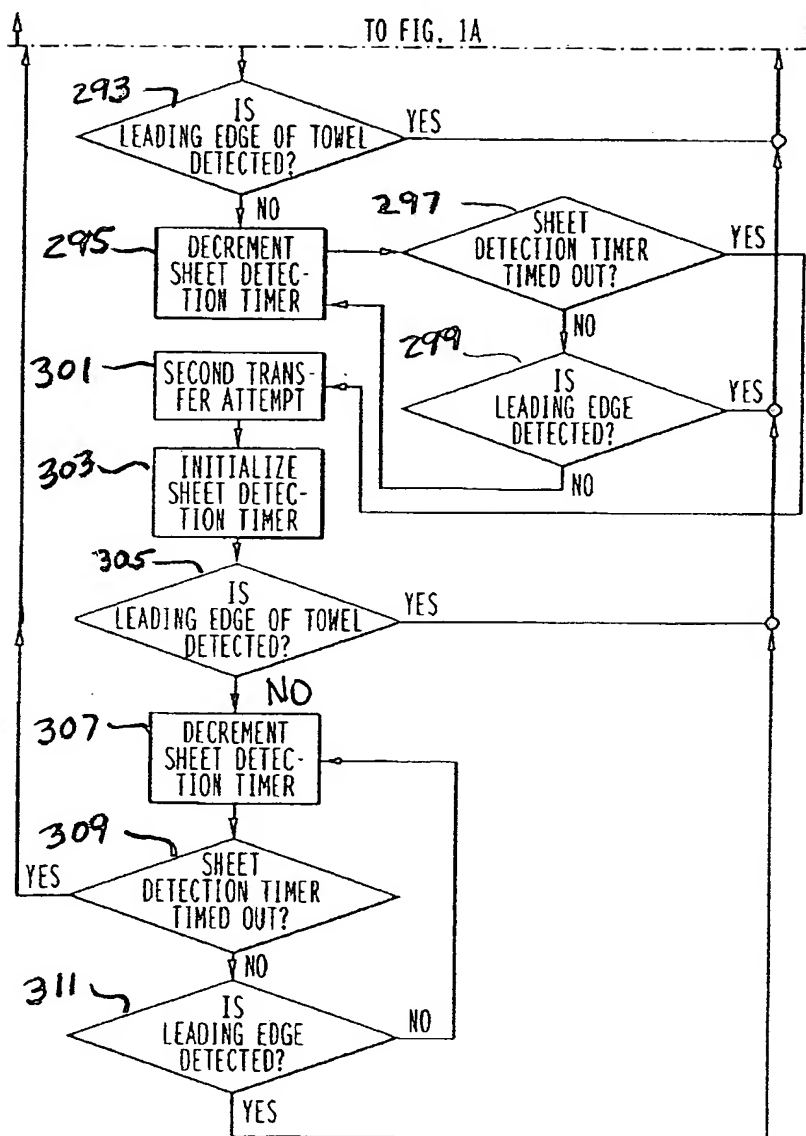


FIG. 218



400950-05525001

FIG. 22

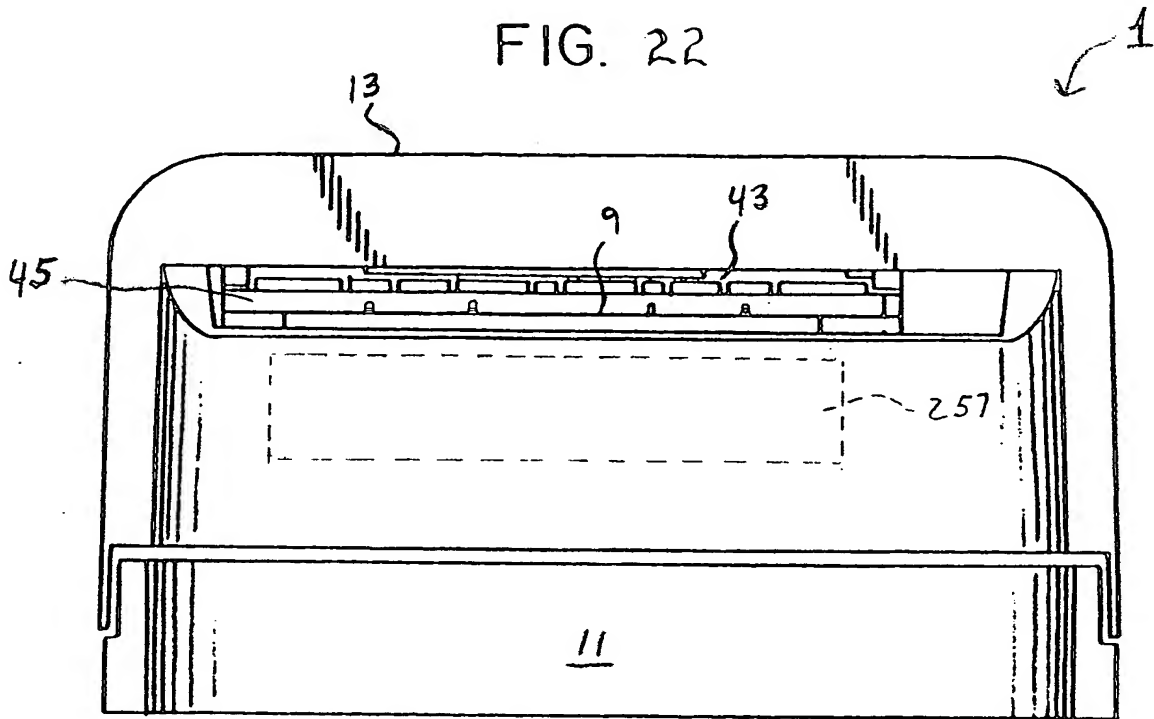


FIG. 23

